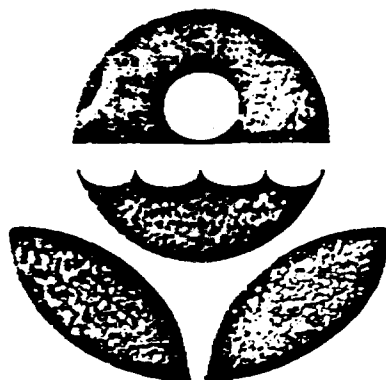


37198

Overhead slides from the July 17, 1991 Public Meeting for the Asbestos Dump Superfund Site, Operable Unit 2, New Vernon Road and White Bridge Road sites held at the Passaic Township Public Library.

ARD 002 0658



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

ASBESTOS DUMP SUPERFUND SITE

ARD 002 0659

MODE 07003

RANGE OF ASBESTOS CONCENTRATIONS

Media	Range of Asbestos Concentrations New Vernon Road Site	Range of Asbestos Concentrations White Bridge Road Site
Surface samples (0-6") (%)	0 - 30.0	0 - 20.0
Subsurface samples (6-96") (%) ^a	0 - 1.05241	0 - 20.0
Ground water (fibers/l) ^b	BDL ^c	BDL
Surface water (fibers/l) ^b	BDL - 3,200,000	BDL - 2,000,000
Sediments (%)	BDL	BDL
Air (fibers/cc) ^d	BDL - 0.063	BDL - 0.012

^aOnly some subsurface soil samples were analyzed by the laboratory. In many subsurface areas ACM was found and was classified visually. Many areas contained elevated levels of asbestos.

^bDetection limit of 100,000 fibers/l.

^cBDL - Below detection limit

^dDetection limit of 0.01 fibers/cc.

ARD 002 0660

MDE 0007057

CRITERIA

Threshold

1. Overall Protection of Human Health & the Environment
2. Compliance with ARARs

Balancing

3. Long-Term Effectiveness & Permanence
4. Reduction of Toxicity, Mobility & Volume through Treatment
5. Short-Term Effectiveness
6. Implementability
7. Cost

Modifying

8. State Acceptance
9. Community Acceptance

ARD 002 0661

EPA'S PREFERRED ALTERNATIVE

In-Situ Stabilization/Solidification

- **Treat soils contaminated with greater than 0.5 percent asbestos (approximately 57,100 cubic yards).**
- **Immobilize Asbestos Containing Material (ACM) into an insoluble matrix.**
- **Grade and cover solidified material.**
- **Institutional controls.**

Cost

\$5,700,000

ARD 002 0662

MDE 0007009

SUMMARY OF ALTERNATIVES

- **No action**
- **Native soil/vegetative cap**
- **ACM excavation with off-site vitrification**
- **In-Situ stabilization/solidification**
- **ACM excavation and off-site landfill**

ABD 002 0663

MDE 0007.10

PUBLIC INVOLVEMENT

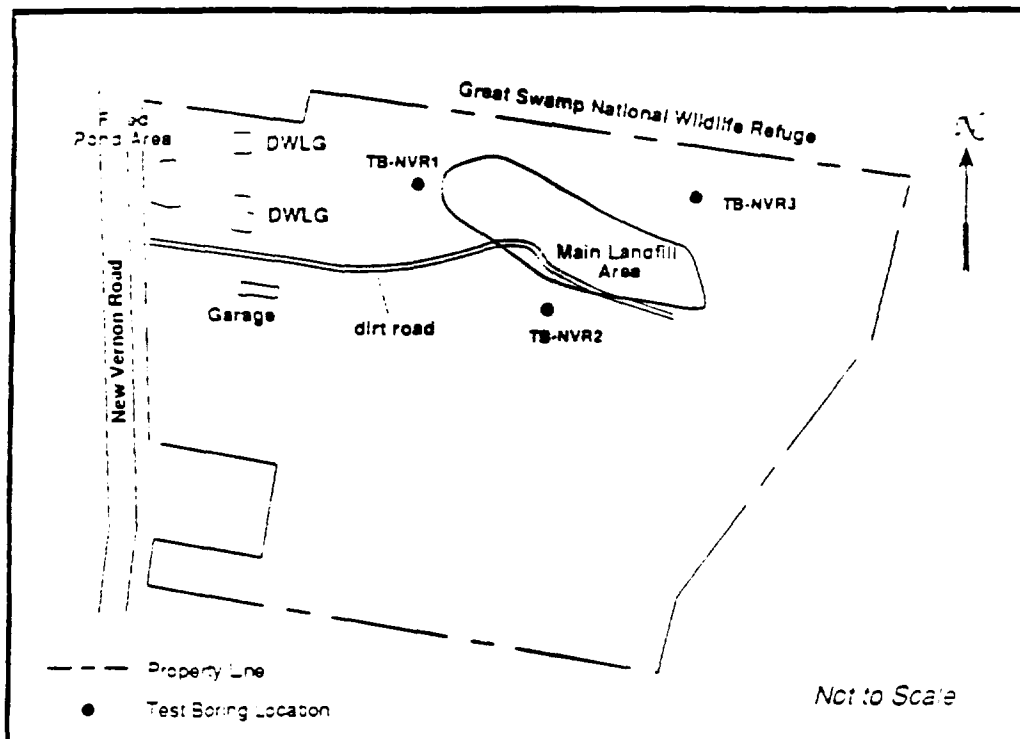
**Public Comment Period
July 8, 1991 - August 7, 1991**

Mail Written Comments to:

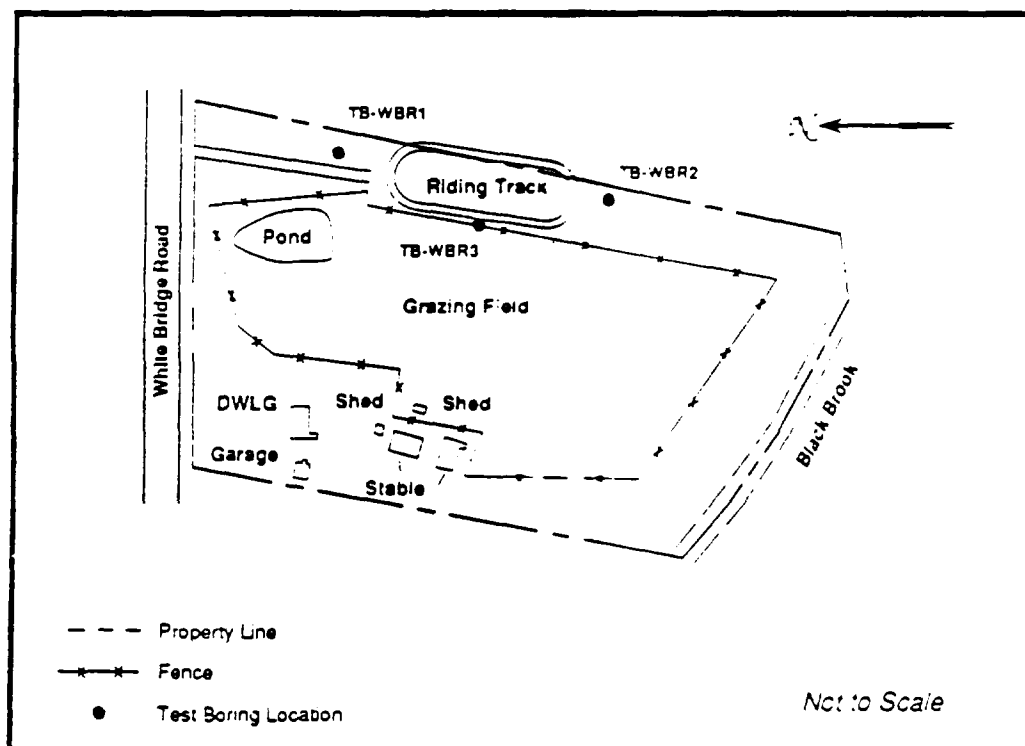
**Pamela J. Baxter
Project Manager
U.S. Environmental Protection Agency
Region II - Room 13-100
26 Federal Plaza
New York, NY 10278**

ABD 002 0664

MDE 0007011

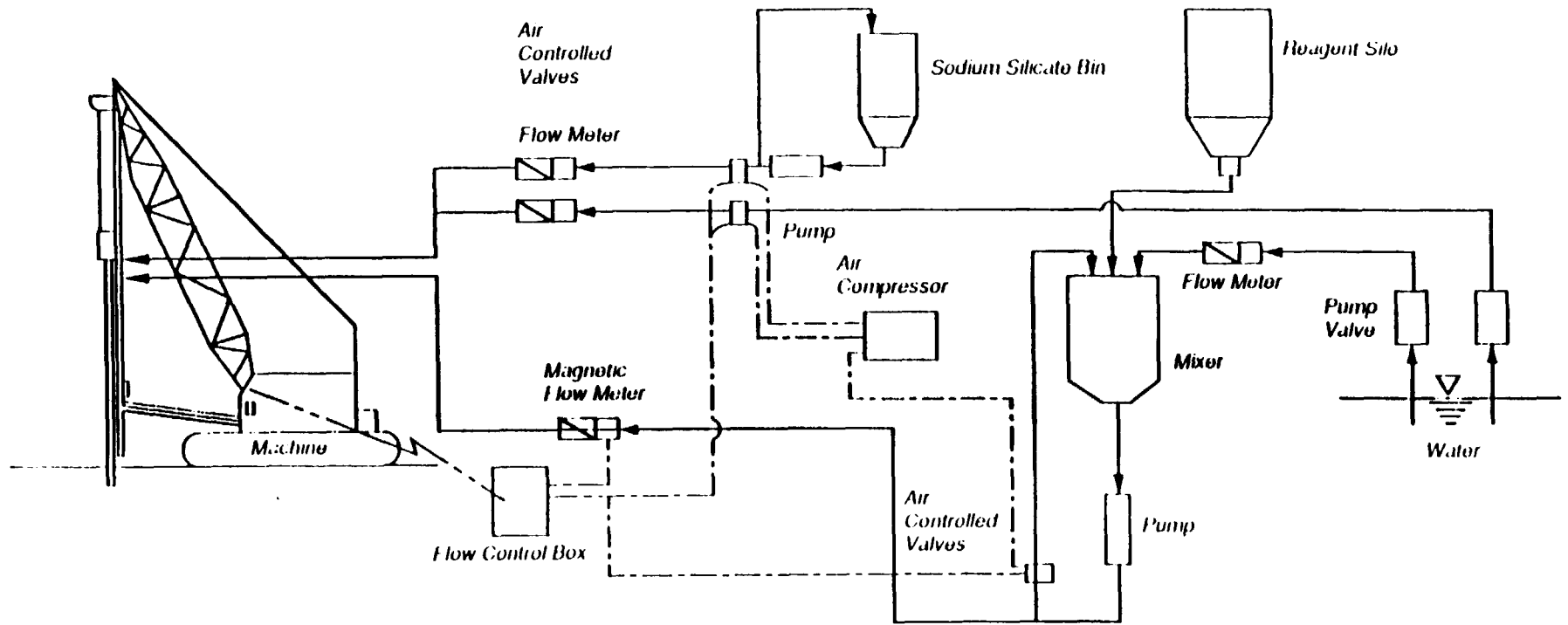


New Vernon Road Site



White Bridge Road Site

ARD 002 0665



Process flow diagram for the IWT/Geo-con in-situ stabilization/solidification system.

MDE 00070-5

ABD 002 066 6